

GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: June 26, 2003, 06:26:40 ; Search time 114 Seconds  
(without alignments)  
4893.377 Million cell updates/sec

Title: US-09-895-686-7

Perfect score: 1819  
Sequence: 1 cggctcgagccctaccagc.....cttattacttaaaaaa 1819

Scoring table: IDENTITY NUC  
Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 15338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

Database :

Issued\_Patents\_NA: \*  
1: /cgn2\_6/ptodata/1/ina/5A\_COMB.seq: \*  
2: /cgn2\_6/ptodata/1/ina/5B\_COMB.seq: \*  
3: /cgn2\_6/ptodata/1/ina/6A\_COMB.seq: \*  
4: /cgn2\_6/ptodata/1/ina/6B\_COMB.seq: \*  
5: /cgn2\_6/ptodata/1/ina/PCetus\_COMB.seq: \*  
6: /cgn2\_6/ptodata/1/ina/backfile1.seq: \*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Query Length	DB ID	Description
1	191.6	10.5	2484	US-09-276-531-46	Sequence 46, Appl
2	187.4	10.3	1212	US-09-188-930-249	Sequence 249, App
3	118.8	6.5	311	US-09-188-930-4	Sequence 4, Appl
4	52.4	2.9	7218	US-08-232-463-14	Sequence 14, Appl
5	46.2	2.5	1035	US-08-733-837B-1	Sequence 1, Appl
6	45.4	2.5	1926	US-09-249-585A-4	Sequence 4, Appl
7	45.4	2.5	1931	US-09-130-114-2	Sequence 2, Appl
8	45.2	2.5	6048	US-09-634-920-3	Sequence 3, Appl
9	43.6	2.4	4411529	US-09-103-840A-1	Sequence 1, Appl
10	41.6	2.3	1597	US-08-724-974A-1	Sequence 1, Appl
11	40.8	2.2	3384	US-08-687-289A-1	Sequence 1, Appl
12	40.8	2.2	3809	US-08-485-588-3	Sequence 3, Appl
13	40.8	2.2	3809	US-08-484-555-3	Sequence 3, Appl
14	40.8	2.2	3809	US-08-480-751-3	Sequence 3, Appl
15	40.8	2.2	3809	US-08-943-986-3	Sequence 3, Appl
16	40.8	2.2	3809	US-08-353-784-3	Sequence 3, Appl
17	40.8	2.2	3809	US-08-484-719B-3	Sequence 3, Appl
18	40.8	2.2	3809	US-08-546-998-2	Sequence 2, Appl
19	40.8	2.2	3809	US-08-484-159-3	Sequence 2, Appl
20	40.8	2.2	4465	US-08-180-195-1	Sequence 1, Appl
21	40.8	2.2	4465	US-08-477-329-1	Sequence 1, Appl
22	40.8	2.2	4465	US-08-475-458-1	Sequence 1, Appl
23	40.8	2.2	4465	US-08-980-400-1	Sequence 1, Appl
24	40.8	2.2	4465	US-09-583-459A-1	Sequence 1, Appl
25	40.8	2.2	4465	US-09-583-210-1	Sequence 1, Appl
26	40.8	2.2	4465	US-09-353-449A-1	Sequence 1, Appl
27	40.8	2.2	4465	US-09-435-059-1	Sequence 1, Appl

28	40.8	2.2	5006	US-08-485-588-2	Sequence 2, Appl
29	40.8	2.2	5006	US-08-484-565-2	Sequence 2, Appl
30	40.8	2.2	5006	US-08-480-751-2	Sequence 2, Appl
31	40.8	2.2	5006	US-08-943-986-2	Sequence 2, Appl
32	40.8	2.2	5006	US-08-353-784-2	Sequence 2, Appl
33	40.8	2.2	5006	US-08-484-719B-2	Sequence 2, Appl
34	40.8	2.2	5006	US-08-546-998-1	Sequence 1, Appl
35	40.8	2.2	5006	US-08-484-159-2	Sequence 1, Appl
36	40.8	2.2	5427	US-08-168-917-1	Sequence 1, Appl
37	40.8	2.2	5427	US-08-460-510-1	Sequence 1, Appl
38	40.8	2.2	5427	US-08-460-490-1	Sequence 1, Appl
39	40.8	2.2	5427	US-08-462-728-3	Sequence 3, Appl
40	40.8	2.2	5427	US-08-461-917-3	Sequence 3, Appl
41	40.8	2.2	5427	PCT-US92-00730-1	Sequence 1, Appl
42	40.8	2.2	5427	PCT-US92-00862-1	Sequence 1, Appl
43	40.6	2.2	289	US-09-007-005-17	Sequence 17, Appl
44	40.6	2.2	289	US-09-244-796-17	Sequence 17, Appl
45	40.6	2.2	3489	US-08-728-323A-1	Sequence 1, Appl

#### ALIGNMENTS

RESULT 1  
US-09-276-531-46  
Sequence 46, Application US/09276531  
Patent No. 6183968  
GENERAL INFORMATION:  
APPLICANT: Bandman, Olga  
APPLICANT: Lal, Preeti  
APPLICANT: Hillman, Jennifer L.  
APPLICANT: Yue, Henry  
APPLICANT: Reddy, Roopa  
APPLICANT: Guegler, Karl J.  
APPLICANT: Baughn, Mariah R.  
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF GENES ENCODING  
RECEPTORS AND PROTEINS ASSOCIATED WITH CELL PROLIFERATION  
NUMBER OF SEQUENCES: 134  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.  
STREET: 3174 PORTER DRIVE  
CITY: PALO ALTO  
STATE: CALIFORNIA  
COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/276,531  
FILING DATE: Herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/079,677  
FILING DATE: March 27, 1998  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Lynn E. Murty, Ph.D.  
REGISTRATION NUMBER: 42,918  
REFERENCE/DOCKET NUMBER: PA-0008 US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (650) 855-0555  
TELEFAX: (650) 845-4166  
INFORMATION FOR SEQ ID NO: 46:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2484 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
IMMEDIATE SOURCE:  
LIBRARY: SYNORAT05



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RESULT 3
US-09-188-930-4
: Sequence 4, Application US/09188930A
: Patent No. 6150502
: GENERAL INFORMATION:
: APPLICANT: Watson, James D.
: APPLICANT: Strachan, Lorna
: APPLICANT: Sleeman, Matthew
: APPLICANT: Onrust, Rene
: APPLICANT: Murison, James Greg
: TITLE OF INVENTION: Compositions Isolated From Skin Cells
: TITLE OF INVENTION: and Methods for Their Use
: FILE REFERENCE: 11000.1011c1
: CURRENT APPLICATION NUMBER: US/09/188,930A
: CURRENT FILING DATE: 1998-11-09
: NUMBER OF SEQ ID NOS: 348
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 4
: LENGTH: 311
: TYPE: DNA
: ORGANISM: Human
US-09-188-930-4

Query Match
Best Local Similarity 62.4%; Score 118.8; DB 3; Length 311;
Matches 186; Conservative 0; Mismatches 112; Indels 0; Gaps 0;

QY 190 CCCCTGACTACACCTGTGTGACCGCTGCGGGCGTGCATGCTGAGCCCGTG 249
DB 14 CCGAGGTATACACACTGTGTATAGCTGACCTGAGGCGATGCTCAGAAACGGTG 73
QY 250 GCTGGGGCGGAGTGTGACACAGTGTGTGCTACATCATCGTGTGGCGACCTGCC 309
DB 74 GCCACAGCTGGGTGTGACCTGCGTGTGCTACATCATCGTGTGGCGACCTGCC 133
QY 310 TTGTGACAGACACCAAGAAAGAGAGCTGCTGGGGAACAGATATCTCTCTGGGG 369
DB 134 AAGGTGACAGACCTCAACAGGCGAAGAAATGCTGCTACATCATCGTGTGGGGT 193
QY 370 ACCCTGGGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 429
DB 194 GTGTGGGCACTTGTGGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 253
QY 430 GCGCTGCGGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 487
DB 254 CCCACAGCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 311

RESULT 4
US-08-232-463-14
: Sequence 14, Application US/08232463
: Patent No. 5670367
: GENERAL INFORMATION:
: APPLICANT: DORNER, F.
: APPLICANT: SCHEIFLINGER, F.
: APPLICANT: FALKNER, F. G.
: TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
: NUMBER OF SEQUENCES: 52
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Foley & Lardner
: STREET: 1800 Diagonal Road, Suite 500
: CITY: Alexandria
: STATE: VA
: COUNTRY: USA
: ZIP: 22313-0299
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:

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: APPLICATION NUMBER: US/08/232,463
: FILING DATE:
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US/07/935,313
: FILING DATE:
: APPLICATION NUMBER: EP 91 114 300.6
: FILING DATE: 26-AUG-1991
: ATTORNEY/AGENT INFORMATION:
: NAME: BENT, Stephen A.
: REGISTRATION NUMBER: 29,768
: REFERENCE/DOCKET NUMBER: 30472/114 1M0
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (703)836-9300
: TELEFAX: (703)683-4109
: TELEX: 899149
: INFORMATION FOR SEQ ID NO: 14:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 7218 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: IMMEDIATE SOURCE:
: CLONE: pTZ9pt-F15
US-08-232-463-14

Query Match
Best Local Similarity 2.9%; Score 52.4; DB 1; Length 7218;
Matches 14; Conservative 222; Mismatches 158; Indels 0; Gaps 0;

QY 128 TCCTGTCCAGGGGCTGGGCGGCAATGTCACCGCGCTGACGACGAGCCCTCA 187
DB 1044 TGCAGTGCAGAGGAGCTTGCATTTTTTTTTTTTTTTTTTTTTTTTTTTTTT 1103
QY 188 ACCCCCTGACTAACCCTGTGTGACCGCTCTGGGGCGTGCATCTCTGAGCCG 247
DB 1104 TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT 1163
QY 248 TGCGTGGGCGGAGTGTGACACAGTGTGTGCTACACATCATCTGTGGCGACCTCC 307
DB 1164 TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT 1223
QY 308 CTTTGTGACAGACACAGAAAGAGACCTGTGGGAGCCAGATATCTCTCTGTG 367
DB 1224 TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT 1283
QY 368 GGACCTGGGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 427
DB 1284 TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT 1343
QY 428 GTGCTGCGGCGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 487
DB 1344 TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT 1403
QY 488 CTCAGCTCTTGGCCCTCAACTCTCTGGCCCGAA 521
DB 1404 TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGA 1437

RESULT 5
US-08-733-837B-1
: Sequence 1, Application US/08733837B
: Patent No. 6107072
: GENERAL INFORMATION:
: APPLICANT: Ishida, Chika
: TITLE OF INVENTION: Thermostable Geranylgeranyl Diphosphate
: NUMBER OF SEQUENCES: 6
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Kenyon & Kenyon
: STREET: One Broadway
: CITY: New York
: STATE: NY

```

```

COUNTRY: US
ZIP: 10004
COMPUTER READABLE FORM:
MEDIUM TYPE: 3+ floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS 6.2
SOFTWARE: WordPerfect 6.1 Windows
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/733,837B
FILING DATE: 18-OCT-1996
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: JP 7-294956
FILING DATE: 19-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: Greason, Edward W.
REGISTRATION NUMBER: 18,918
REFERENCE/DOCKET NUMBER: 77670/448
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-425-7200
TELEFAX: 212-425-5288
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1035 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
US-08-733-837B-1

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Query Match 2.5%; Score 46.2; DB 3; Length 1035;  
Best Local Similarity 43.8%; Pred. No. 0.032; Indels 0; Gaps 0;

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Matches 201; Conservative 0; Mismatches 258; Indels 0; Gaps 0;
QY 511 CTGGCCCGGAACACACGCGGCGGCTGGTGATCTTCACTGTGCTGCTG 570
DB 109 CGGGGGGGAAGATGTCCGGGGCTCTACCGGTACAGCGCCCTGCGCCACG 168
QY 571 ACCCTGTAGAGGTCAATCAATACAGAGTGGTGTGATCATCCCTGTTGCGG 630
DB 169 CCCTTGGAGCGGGCTTCAGACCGCGACCGCCCTTGGAGCTTCCAGAACTGGG 228
QY 631 GCGAGGGGGCGGCTCAGGGCAACAGCAGCGAGGTGGGCGGCTCCCGCTGTGCG 690
DB 229 GTCCACGACGACATTTAGAGCGCTCCGAGAGCGCGGGCGGCGCCCTCCACCGT 288
QY 691 ATGCGCCACATGATCTTGTCAATGACATCTACGTCATCTGTGCTGCTGGGTGC 750
DB 289 CTCACACCCATGCGCCCTGCGCTGAACGGGGGAGAGCCATGACAGCGAATGTGGGC 348
QY 751 TTCCTGGGGCGTGGCGCCCGCTGTGTGGCCGCTACAGCGCTGGCGTAAGCATGGG 810
DB 349 CTCCTCGCGAGAGGCTCCCGCGGGGCTTTTCCCGCCGAGGTCTCTTGGAGTTCAC 408
QY 811 TTGTGCTCCTACACAGCAGCACTCCGTTGCCATATGGGTGGTGGATGCTCATGAT 870
DB 409 GAGGTGTGTCGCCGACCGCTACAGGTACGACCTGGAGCTCTCTGGACCTCGGTGG 468
QY 871 ACTTACGGCACAAGACGACAGTCCACCTGGAGATGACCCACGCTGGCCATTCGCC 930
DB 469 ACCCTTGAACCTGAGCGGAGAGACTTCCGCAATGATGTGGCCACAGAGCCGCTCACTAC 528
QY 931 CTCGCCGCCAATGCTGGGCGCTTCCCTCTCTTCACTG 969
DB 529 ACCGCGGTGTCCCTCGCGCTCGGGGCTCTTCTGCTG 567

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RESULT 6  
US-09-249-585A-4  
; Sequence 4, Application US/09249585A  
; Patent No. 6417002  
; GENERAL INFORMATION:  
; APPLICANT: Horlick, Robert

```

TITLE OF INVENTION: METHOD FOR MAINTENANCE AND SELECTION OF EPISOMES
FILE REFERENCE: 0867/0D905
CURRENT APPLICATION NUMBER: US/09/249,585A
CURRENT FILING DATE: 1999-02-11
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn version 3.0
SEQ ID NO: 4
LENGTH: 1926
TYPE: DNA
ORGANISM: Epstein Barr Virus
FEATURE:
NAME/KEY: misc.feature
LOCATION: (1)..(1926)
OTHER INFORMATION: template strand of EBNA-1 DNA
US-09-249-585A-4

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Query Match 2.5%; Score 45.4; DB 4; Length 1926;  
Best Local Similarity 43.6%; Pred. No. 0.062; Indels 0; Gaps 0;  
Matches 202; Conservative 0; Mismatches 261; Indels 0; Gaps 0;

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QY 54 CCAACAGAGCCTGGCTGGAGACCAAGATGAGCATCCACAAGCCTTGTGATGTGCT 113
DB 436 CTTCCCGGTCGTCGTCCTCCCGCTCCCGCTCCCGCTCCCGCTCCCGCTCCCGCT 495
QY 114 GGGACTGCTCTTCTCTGTTCCAGAGGCGCTGGGCCAGAGGCGATGCCACCGGCTG 173
DB 496 CTTCTCCCGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 555
QY 174 CAGCCAAAGGCGCAACCCCTGTACAACTGTGTACAGCGCTGTGGGGCGTGGGCAT 233
DB 556 CTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 615
QY 234 CTTCTGAGAGCGCTGTGGGCGGCGGCAATGTACCAAGTGTGTGCTACCATATGCT 293
DB 616 CCGGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 675
QY 294 GGTGCGCAGCTCTCTCTTGTGAGAGACCAAGAAAGAGAGCTGTGGAGACCAAGT 353
DB 676 CCGGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 735
QY 354 ATTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 413
DB 736 CTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 795
QY 414 CGACTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 473
DB 796 CTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 855
QY 474 CTCTGTGTGAGGCTCTACAGTCTTGTGCTCAACTTCTGCGC 516
DB 856 CCGGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 898

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RESULT 7  
US-09-130-114-2  
; Sequence 2, Application US/09130114  
; Patent No. 5976807  
; GENERAL INFORMATION:  
; APPLICANT: Horlick, Robert A.  
; APPLICANT: Dama, Basam B.  
; APPLICANT: Robbins, Alan K.  
TITLE OF INVENTION: Eukaryotic Cells Stably Expressing Genes  
FILE REFERENCE: 0867/ID903US1  
CURRENT APPLICATION NUMBER: US/09/130,114  
CURRENT FILING DATE: 1998-08-06  
NUMBER OF SEQ ID NOS: 36  
SOFTWARE: fastSeq for Windows Version 3.0  
SEQ ID NO: 2  
LENGTH: 1931  
TYPE: DNA  
ORGANISM: EBNA  
US-09-130-114-2

Query Match 2.58; Score 45.4; DB 2; Length 1931;  
Best Local Similarity 43.68; Pred. No. 0.062;  
Matches 202; Conservative 0; Mismatches 261; Indels 0; Gaps 0;

QY 54 CCACACAGAGGCTGGGAGGACGAGATGCGCATACACAAAGCTTGATGATGCT 113  
DB 436 CCGTCCCGCTGCTGCTCTCCCGTCCCGTCCCGTCCCGTCCCGTCCCGTCCCG 495  
QY 114 GGGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 173  
DB 496 CCGTCCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 555  
QY 174 CAGCAGAGGCTGACCCCGTGTACACACCTGTGTGACCGCTGCGGAGCTGCGG 233  
DB 556 CCGTCCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 615  
QY 234 CCGTCCCGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 293  
DB 616 CCGTCCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 675  
QY 294 GGTGGCAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 353  
DB 676 CCGTCCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 735  
QY 354 ATTCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 413  
DB 736 CCGTCCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 795  
QY 414 CAGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 473  
DB 796 CCGTCCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 855  
QY 474 CCGTCCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 516  
DB 856 CCGTCCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 898

RESULT 8  
US-09-634-920-3  
; Sequence 3, Application US/09634920  
; Patent No. 6343357

; GENERAL INFORMATION:  
; APPLICANT: Splawski, Igor  
; APPLICANT: Keating, Mark T.  
; TITLE OF INVENTION: ALTERATIONS IN THE LONG QT SYNDROME GENES KVLQT1 AND  
; FILE REFERENCE: 2323-155  
; CURRENT APPLICATION NUMBER: US/09/634,920  
; CURRENT FILING DATE: 2000-08-09  
; PRIOR APPLICATION NUMBER: 60/190,057  
; PRIOR FILING DATE: 2000-03-17  
; PRIOR APPLICATION NUMBER: 60/147,488  
; PRIOR FILING DATE: 1999-08-09  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: Patent In Ver. 2.0

; SEQ ID NO 3  
; LENGTH: 6048  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (1)..(6048)  
US-09-634-920-3

Query Match 2.58; Score 45.2; DB 4; Length 6048;  
Best Local Similarity 46.38; Pred. No. 0.1; Mismatches 173; Indels 0; Gaps 0;  
Matches 149; Conservative 0; Mismatches 173; Indels 0; Gaps 0;

QY 441 CTTCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 500  
DB 5013 CTTCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 5072

QY 501 CTTCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 560  
DB 5073 GTTCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 5132  
QY 561 TCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 620  
DB 5133 CCGTCCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 5192  
QY 621 TCGGGGAGTGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 680  
DB 5193 TCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 5252  
QY 681 CCGTCCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 740  
DB 5253 CTTCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 5312  
QY 741 CCGTCCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 762  
DB 5313 CCGTCCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 5334

RESULT 9  
US-09-103-840A-1  
; Sequence 1, Application US/09103840A  
; Patent No. 6294328  
; GENERAL INFORMATION:  
; APPLICANT: FLEISCHMAN, Robert D.  
; APPLICANT: WHITE, Owen R.  
; APPLICANT: FRASER, Claire M.  
; APPLICANT: VENTER, John C.  
; TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM  
; FILE REFERENCE: 24366-20007.00  
; CURRENT APPLICATION NUMBER: US/09/103,840A  
; CURRENT FILING DATE: 1998-06-24  
; NUMBER OF SEQ ID NOS: 2  
; SOFTWARE: Patent In Ver. 2.1  
; SEQ ID NO 1  
; LENGTH: 4411529  
; TYPE: DNA  
; ORGANISM: Mycobacterium tuberculosis  
; OTHER INFORMATION: H37Rv  
US-09-103-840A-1

Query Match 2.48; Score 43.6; DB 4; Length 4411529;  
Best Local Similarity 44.68; Pred. No. 2.2; Mismatches 214; Indels 0; Gaps 0;  
Matches 172; Conservative 0; Mismatches 214; Indels 0; Gaps 0;

QY 609 CATCACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 668  
DB 1863322 CATCACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1863381  
QY 669 GCGCGTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 728  
DB 1863382 CACCGTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1863441  
QY 729 CATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 788  
DB 1863442 CTTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1863501  
QY 789 GCGCTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 848  
DB 1863502 ACACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1863561  
QY 849 GGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 908  
DB 1863562 CCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1863621  
QY 909 TGACCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 968  
DB 1863622 TGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1863681  
QY 969 CATCCCGAGTCTCCAGGTGACCA 994

Db 1863682 TGGTGCCACCGTTGCCCGCTTCCA 1863707

## RESULT 10

US-08-724-974A-1  
Sequence 1, Application US/08724974A

Patent No. 5912335

GENERAL INFORMATION:

APPLICANT: Derk J. Bergsma, Catherine E. Ellis

TITLE OF INVENTION: A No. 5912335el G-Protein Coupled Receptor

TITLE OF INVENTION: HWCT36

NUMBER OF SEQUENCES: 3

CORRESPONDENCE ADDRESSES:

ADDRESSEE: SmithKline Beecham Corporation

STREET: 709 Swedeland Road, P.O. Box 1539

CITY: King of Prussia

STATE: PA

COUNTRY: USA

ZIP: 19406-0939

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM 486

OPERATING SYSTEM: WINDOWS FOR WORKGROUPS

SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/724,974A

FILING DATE: October 3, 1996

CLASSIFICATION: 424

Prior Application Data:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: William T. Han

REGISTRATION NUMBER: 34,344

REFERENCE/DOCKET NUMBER: ATG50022

TELECOMMUNICATION INFORMATION:

TELEPHONE: 610 270 5090

TELEFAX: 610 270 5024

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 1597

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

ANTI-SENSE: No

US-08-724-974A-1

Query Match 2.3%; Score 41.6; DB 2; Length 1597;  
Best Local Similarity 44.4%; Pred. No. 0.49;  
Matches 167; Conservative 0; Mismatches 209; Indels 0; Gaps 0;

QY 675 GGCCCTCCCGCTGTCATCGCCACATGAGATTGTGTCATGCGACATCATGATGCT 734  
DB 878 GGCCATGGAGCGCGCATCACTACATCGGCTTCTGTTGGGCTTCTTCCCATCTG 937  
QY 735 GCTGCTGCTGGCTTCTGCTGCGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 794  
DB 938 CCGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 997  
QY 795 GCGTAGCATGGGCTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 854  
DB 998 GAGAGCCGCAAGACAGATCCAGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1057  
QY 855 GTGATGCTCATGTACTTACAGGACAGACAGACAGACAGACAGACAGACAGACAGAC 914  
DB 1058 CCGCTTCTGCGCTTACACAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1117  
QY 915 CAGCTGCGCATCGCCCTGCGCGCCATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 974  
DB 1118 CTTCCCAAGGCGCTTTCACAGCTTCACTTCTGCTGCTGCTGCTGCTGCTGCTGCTG 1177  
QY 975 CGAGGTCTCCAGGTGACCAAGTCCAGCCAGAGACCAAGCAAGCAAGCAAGCAAGTACC 1034

Db 1178 CGTCGCCACACCCGCTCTACTGCTGTCAGCAGACACACCGGACCTGGCCG 1237  
QY 1035 CACCGGGGGCGGGCG 1050  
DB 1238 CCGCGGGGGCGCTGC 1253

## RESULT 11

US-08-687-289A-1  
Sequence 1, Application US/08687289A

Patent No. 5981195

GENERAL INFORMATION:

APPLICANT: Fuller, Forrest H.

APPLICANT: Krapcho, Karen J.

APPLICANT: Hamerland, Lance G.

TITLE OF INVENTION: CHIMERIC RECEPTORS AND METHODS FOR

TITLE OF INVENTION: IDENTIFYING COMPOUNDS ACTIVE AT

TITLE OF INVENTION: METABOTROPIC GLUTAMATE RECEPTORS AND

TITLE OF INVENTION: THE USE OF SUCH COMPOUNDS IN THE

TITLE OF INVENTION: TREATMENT OF NEUROLOGICAL DISORDERS

NUMBER OF SEQUENCES: 8

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB

MEDIUM TYPE: storage

COMPUTER: IBM compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FASTSEQ for Windows 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/687,289A

FILING DATE: July 25, 1996

CLASSIFICATION: 435

Prior Application Data:

APPLICATION NUMBER: 60/001,526

FILING DATE: July 26, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 220/004

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 3384 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-687-289A-1

Query Match 2.2%; Score 40.8; DB 2; Length 3384;  
Best Local Similarity 46.2%; Pred. No. 0.99;  
Matches 135; Conservative 0; Mismatches 157; Indels 0; Gaps 0;

QY 329 AACGAGCCTCTGCGGAGCCAGGATTTCTTCTGCGGAGACCTGGGCTCTTGGCC 388  
DB 2091 ACCGCACTGCTGGGGGCTCACTGACGCTTCTGCTGCTGCTGCTGCTGCTGCTGCTG 2150  
QY 389 TCGTGTTCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 448  
DB 2151 AGATTGCTATGTGTATGT 2210  
QY 449 TTGGGGTTCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 508

Db 2211 AGCTGGAGGATGATCATCTTCATCAACGCGCCAGCGGGCTCCCTCATGCGCTGGGCT 2270  
QY 509 TCCTGGCCCGGAGAAACACAGCGGCCCGGGGCTGGGATCTTCATCTGTGGCTCTGCTGC 568  
Db 2271 TCCTGATCGGCTACACCTGCTGCTGCTGCCATCTCTCTTCTTCCCTCAAGTCCC 2330  
QY 569 TGACCCCTGTAGAGTTCATCATCAATACAGAGTGGCTGATCATCACCCCTGGT 620  
Db 2331 GGAAGCTGCCGAGAACTTCATGAAAGCCAAAGTTTCATCACCCTTCAGCATGCT 2382

RESULT 12  
US-08-485-588-3  
Sequence 3, Application US/08485588  
Patent No. 5688938  
GENERAL INFORMATION:  
APPLICANT: Edward M. Brown  
APPLICANT: Steven C. Hebert  
APPLICANT: Forrest H. Fuller  
APPLICANT: James E. Garrett, Jr.  
TITLE OF INVENTION: CALCIUM RECEPTOR-ACTIVE  
TITLE OF INVENTION: MOLECULES  
NUMBER OF SEQUENCES: 20  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: First Interstate World Center  
STREET: Suite 4700  
STREET: 633 West Fifth Street  
City: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: FASTSEQ  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/485,588  
FILING DATE: 7 June, 1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: Including application  
PRIOR APPLICATION DATA: described below: 9  
APPLICATION NUMBER: 08/353,784  
FILING DATE: 9 December, 1994  
APPLICATION NUMBER: PCT/US/94/12117  
FILING DATE: 21 October, 1994  
APPLICATION NUMBER: U.S. 08/292,827  
FILING DATE: 23 August, 1994  
APPLICATION NUMBER: U.S. 08/141,248  
FILING DATE: 22 October, 1993  
APPLICATION NUMBER: U.S. 08/009,389  
FILING DATE: 23 February, 1993  
APPLICATION NUMBER: U.S. 08/017,127  
FILING DATE: 12 February, 1993  
APPLICATION NUMBER: U.S. 07/934,161  
FILING DATE: 21 August, 1992  
APPLICATION NUMBER: U.S. 07/834,044  
FILING DATE: 11 February, 1992  
APPLICATION NUMBER: U.S. 07/749,451  
FILING DATE: 23 August, 1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Hebert, Sheldon O.  
REGISTRATION NUMBER: 38,179  
REFERENCE/DOCKET NUMBER: 213/005  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:

LENGTH: 3809 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA to mRNA  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 373..3606  
OTHER INFORMATION:  
US-08-485-588-3

Query Match 2.28; Score 40.8; DB 1; Length 3809;  
Best Local Similarity 46.2%; Pred. No. 1;  
Matches 135; Conservative 0; Mismatches 157; Indels 0; Gaps 0;

QY 329 AACGAGCCCTGCTGGGAGACCAAGATATCTTCTTGGGGACCCCTGGGCTTCTGACC 388  
Db 2516 ACCGCAAGTGGTGGGCTCAACCTGACGATTCCTGCTGTTTCTCTGACCTTCATAGC 2575  
QY 389 TCCTGTTGGCTGTGTGTGAAGCCGACATTCACACCTGCTGCTCGGCGCTTCCT 448  
Db 2576 AGATGTGATCTGTGTATCTGGCTTACACCGGCGCCCTCAAGTACCGACACAGG 2635  
QY 449 TTGGGGTTCGTTGCCATCTGCTTCTTGTCTGCGGCTCAAGTCTTTGCCCTCACT 508  
Db 2636 AGCTGGAGATGAGATCATCTTCATCAGTCCAGCGGCGCTCCCTCATGCGCCTGGGCT 2695  
QY 509 TCCTGGCCCGGAGAAACACAGCGGCCCGGGGCTGGGATCTTCATCTGTGCTGCTGC 568  
Db 2696 TCCTGATCGGCTACACCTGCTGCTGCTGCCATCTGCTCTTCTTCTTCAAGTCCC 2755  
QY 569 TGACCCCTGTAGAGTTCATCATCAATACAGAGTGGCTGATCATCACCCCTGGT 620  
Db 2756 GGAAGCTGCCGAGAACTTCATGAAAGCCAAAGTTTCATCACCCTTCAGCATGCT 2807

RESULT 13  
US-08-484-565-3  
Sequence 3, Application US/08484565  
Patent No. 5763569  
GENERAL INFORMATION:  
APPLICANT: Edward M. Brown  
APPLICANT: Steven C. Hebert  
APPLICANT: James E. Garrett, Jr.  
TITLE OF INVENTION: CALCIUM RECEPTOR-ACTIVE  
TITLE OF INVENTION: MOLECULES  
NUMBER OF SEQUENCES: 20  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: First Interstate World Center  
STREET: Suite 4700  
STREET: 633 West Fifth Street  
City: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: FASTSEQ  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/484,565  
FILING DATE: 7 June, 1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: Including application  
PRIOR APPLICATION DATA: described below: 9  
APPLICATION NUMBER: 08/353,784  
FILING DATE: 9 December, 1994  
APPLICATION NUMBER: PCT/US/94/12117  
FILING DATE: 21 October, 1994  
APPLICATION NUMBER: U.S. 08/292,827

FILING DATE: 23 August, 1994  
APPLICATION NUMBER: U.S. 08/141,248  
FILING DATE: 22 October, 1993  
APPLICATION NUMBER: U.S. 08/009,389  
FILING DATE: 23 February, 1993  
APPLICATION NUMBER: U.S. 08/017,127  
FILING DATE: 12 February, 1993  
APPLICATION NUMBER: U.S. 07/934,161  
FILING DATE: 21 August, 1992  
APPLICATION NUMBER: U.S. 07/834,044  
FILING DATE: 11 February, 1992  
APPLICATION NUMBER: U.S. 07/749,451  
FILING DATE: 23 August, 1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Heber, Sheldon O.  
REGISTRATION NUMBER: 38,179  
REFERENCE/DOCKET NUMBER: 213/006  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELETYPE: 67-3510  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 3809 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA to mRNA  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 373..3606  
OTHER INFORMATION:  
US-08-484-565-3

Query Match 2.2% Score 40.8; DB 1; Length 3809;  
Best Local Similarity 46.2%; Pred. No. 1;

Matches 135; Conservative 0; Mismatches 157; Indels 0; Gaps 0;

QY 329 AACGAGCCTGCTGGGACCCAGGATTCCTTCCTGCGGACCCCTGCGCTTCCTCC 388  
DB 2516 ACCGCAAGTGTGGGGGCTCAACCTGACGATTCCTGCTGTTCTGCTGACCTTCATGC 2575  
QY 389 TCGTGTTCCTGCTGTGTAAGCCGACCTTCACCTGCTGCTGCGGCTTCCTCT 448  
DB 2576 AGATTGTATCTGTGTGATCTGGCTCTACACCGGCCCCCTCAAGCTACGCAACGAG 2635  
QY 449 TTGGGGTCTGCTGCGACATCTCTCTGCTGCGGCTGACGCTTCCTGCGCTCACT 508  
DB 2636 AGCTGGAGATGATGATTCATCTTCATCAGTGCACGAGGGCTCCCTCAGGGCGCT 2695  
QY 509 TCTTGCCCGGAGAACCAACGCGGCCCGGCTGGGTGATCTTCACATGCTGCGCTTCG 568  
DB 2696 TCCGTATGCGGTACACCGCCGCTGGCTGCCATGCTGCTTCCTTCCTCAAGTCC 2755  
QY 569 TGACCTGTGAGAGTCAATCAATACAGAGTGGCTATCATCACTTCGCT 620  
DB 2756 GGAAGCTCCGGAAGACTTCAATGAAGCAAGTTCATCACTTCAGCATGCT 2807

RESULT 14  
US-08-480-751-3  
Sequence 3, Application US/08480751  
Patent No. 5858684  
GENERAL INFORMATION:  
APPLICANT: Edward F. Nemeth  
APPLICANT: Edward M. Brown  
APPLICANT: Steven C. Hebert  
APPLICANT: Forrest H. Fuller  
APPLICANT: James E. Garrett, Jr.  
TITLE OF INVENTION: CALCIUM RECEPTOR-ACTIVE  
MOLECULES  
NUMBER OF SEQUENCES: 20  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: First Interstate World Center  
STREET: Suite 4700  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: FASTSEQ  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/480,751  
FILING DATE: 7 June, 1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below: 9  
APPLICATION NUMBER: 08/353,784  
FILING DATE: 9 December, 1994  
APPLICATION NUMBER: PCT/US/94/12117  
FILING DATE: 21 October, 1994  
APPLICATION NUMBER: U.S. 08/292,827  
FILING DATE: 23 August, 1994  
APPLICATION NUMBER: U.S. 08/141,248  
FILING DATE: 22 October, 1993  
APPLICATION NUMBER: U.S. 08/009,389  
FILING DATE: 23 February, 1993  
APPLICATION NUMBER: U.S. 08/017,127  
FILING DATE: 12 February, 1993  
APPLICATION NUMBER: U.S. 07/934,161  
FILING DATE: 21 August, 1992  
APPLICATION NUMBER: U.S. 07/834,044  
FILING DATE: 11 February, 1992  
APPLICATION NUMBER: U.S. 07/749,451  
FILING DATE: 23 August, 1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Heber, Sheldon O.  
REGISTRATION NUMBER: 38,179  
REFERENCE/DOCKET NUMBER: 213/004  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELETYPE: 67-3510  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 3809 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA to mRNA  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 373..3606  
OTHER INFORMATION:  
US-08-480-751-3

Query Match 2.2% Score 40.8; DB 2; Length 3809;  
Best Local Similarity 46.2%; Pred. No. 1;

Matches 135; Conservative 0; Mismatches 157; Indels 0; Gaps 0;

QY 329 AACGAGCCTGCTGGGACCCAGGATTCCTTCCTGCGGACCCCTGCGCTTCCTCC 388  
DB 2516 ACCGCAAGTGTGGGGGCTCAACCTGACGATTCCTGCTGTTCTGCTGACCTTCATGC 2575  
QY 389 TCGTGTTCCTGCTGTGTAAGCCGACCTTCACCTGCTGCTGCGGCTTCCTCT 448  
DB 2576 AGATTGTATCTGTGTGATCTGGCTCTACACCGGCCCCCTCAAGCTACGCAACGAG 2635  
QY 449 TTGGGGTCTGCTGCGACATCTCTCTGCTGCGGCTGACGCTTCCTGCGCTCACT 508



Db 2636 AGCTGGAGGATGATCATCTTTCATCAGTGCACAGAGGCTCCCTCATGCGCCCTGGGCT 2695  
QY 509 TCCTGGCCCGGAAGAACACAGGCCCCGGGCTGGGATCATCTTCACTGTGGCTCTGTGC 568  
Db 2696 TCCTGATCGGCTACACCTGCTGCTGCTCCCATCTGCTCTTCTTGGCTTCAAGTCCC 2755  
QY 569 TGACCTGCTAGAGCTCATCATATACAGAGTGGCTGATCATCACCCTGGT 620  
Db 2756 GGAAGCTGCGGAGAACTTCATGAAGCCAAAGTTCACTACCTTCAGCATGCT 2807

RESULT 15  
US-08-943-986-3  
Sequence 3, Application US/08943986  
Patent No. 5962314  
GENERAL INFORMATION:  
APPLICANT: Edward M. Brown  
APPLICANT: Steven C. Hebert  
APPLICANT: James E. Garrett, Jr.  
TITLE OF INVENTION: CALCIUM RECEPTOR-ACTIVE  
NUMBER OF SEQUENCES: 20  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: First Interstate World Center  
STREET: Suite 4700  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: FASTSEQ

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/943,986  
FILING DATE: 03-OCT-1997  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/484,565  
FILING DATE: 7-June-1995  
APPLICATION NUMBER: 08/353,784  
FILING DATE: 9 December, 1994  
APPLICATION NUMBER: PCY/US/94/12117  
FILING DATE: 21 October, 1994  
APPLICATION NUMBER: U.S. 08/292,827  
FILING DATE: 23 August, 1994  
APPLICATION NUMBER: U.S. 08/141,248  
FILING DATE: 22 October, 1993  
APPLICATION NUMBER: U.S. 08/009,389  
FILING DATE: 23 February, 1993  
APPLICATION NUMBER: U.S. 08/017,127  
FILING DATE: 12 February, 1993  
APPLICATION NUMBER: U.S. 07/934,161  
FILING DATE: 21 August, 1992  
APPLICATION NUMBER: U.S. 07/834,044  
FILING DATE: 11 February, 1992  
APPLICATION NUMBER: U.S. 07/749,451  
FILING DATE: 23 August, 1991

ATTORNEY/AGENT INFORMATION:  
NAME: Hebert, Sheldon O.  
REGISTRATION NUMBER: 38,179  
REFERENCE/DOCKET NUMBER: 213/006  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 3809 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA to mRNA  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 373..3606  
OTHER INFORMATION:  
US-08-943-986-3

Query Match 2.2% Score 40.8; DB 2; Length 3809;  
Best Local Similarity 46.2%; Pred. No. 1;  
Matches 135; Conservative 0; Mismatches 157; Indels 0; Gaps 0;

QY 329 AACGAGCCCTGCTGGGACCCAGGATATCTTCTTGGGAGCCCTGGGCTTGTGCC 388  
Db 2516 ACCGCAAGTGTGGGGCTACACCTGAGTTCGTGCTGTTCTCTGACCTTCATGC 2575  
QY 389 TCCTGTTGCTGCTGTGTGTAAGCCGACCTTCCACCTGTGCTTCCGCTTCCCT 448  
Db 2576 AGATTGTCATCTGTGTATCTGTGCTTACACCGCCGCCCTCAAGCTACCGAACAGG 2635  
QY 449 TTGGGTTCTGTTCGCCATCTGCTTCTTCTGCTGGGAGCTCAAGTTTGGCCTCACT 508  
Db 2636 AGCTGGAGGATGAGATCATCTTTCATCAGTGCACAGAGGCTCCCTCATGCGCT 2695  
QY 509 TCCTGGCCCGGAAGAACACAGGCCCCGGGCTGGGATCATCTTCACTGTGGCTGTGC 568  
Db 2696 TCCTGATCGGCTACACCTGCTGCTGCTGCCATCTGCTCTTCTTGGCTTCAAGTCCC 2755  
QY 569 TGACCTGCTAGAGTGTATCATATACAGAGTGGCTGATCATCACCCTGGT 620  
Db 2756 GGAAGCTGCGGAGAACTTCATGAAGCCAAAGTTCACTACCTTCAGCATGCT 2807

Search completed: June 26, 2003, 09:56:13  
Job time : 125 secs



GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: June 26, 2003, 09:25:01 : Search time 280 Seconds  
(without alignments)  
9643.612 Million cell updates/sec

Title: US-09-895-686-7

Perfect score: 1819  
Sequence: 1 cggctcagagccctaccagc.....cttataacttaaaaaa 1819

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 1055720 seqs, 742224136 residues

Total number of hits satisfying chosen parameters: 2111440

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%  
Listing first 45 summaries

Database : Published\_Applications\_NA:\*

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2: /cgn2\_6/p/oddata/2/pubpna/PCT\_NEW\_PUB.seq:\*  
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14: /cgn2\_6/p/oddata/2/pubpna/US60\_PUBCOMB.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length DB	ID	Description
1	1819	100.0	1819	10	US-09-895-686-7 Sequence 7, App1
2	1794.8	98.7	2314	10	US-09-871-874-4 Sequence 4, App1
3	1785.4	98.2	1860	9	US-10-097-065-22 Sequence 22, App1
4	1785	98.1	1880	9	US-10-037-270-897 Sequence 897, App
5	1769	97.3	2089	10	US-09-812-102-19 Sequence 19, App1
6	1746.2	96.0	1844	9	US-10-225-567A-620 Sequence 620, App
7	1370	75.3	1955	10	US-09-871-874-3 Sequence 3, App1
8	1353.4	74.4	1532	10	US-09-871-874-7 Sequence 7, App1
9	1331.8	73.2	2041	10	US-09-871-874-1 Sequence 1, App1
10	1218	67.0	1805	10	US-09-871-874-2 Sequence 2, App1
11	682.2	37.5	1034	9	US-10-097-065-123 Sequence 123, App
12	651.8	35.8	815	10	US-09-871-874-8 Sequence 8, App1
13	527.8	29.0	615	10	US-09-895-686-53 Sequence 53, App1
14	518.6	28.5	1370	10	US-09-871-874-5 Sequence 5, App1
15	515.8	28.4	1070	10	US-09-871-874-6 Sequence 6, App1
16	500	27.5	516	10	US-09-895-686-14 Sequence 14, App1
17	424.4	23.3	486	9	US-09-918-995-35130 Sequence 35130, A
18	423.8	23.0	631	10	US-09-895-686-19 Sequence 19, App1
19	417.6	23.0	686	10	US-09-895-686-54 Sequence 54, App1

20	304.2	16.7	508	9	US-09-918-995-17363 Sequence 17363, A
21	301	16.5	302	9	US-10-102-524-1512 Sequence 1512, Ap
22	282.8	15.5	467	10	US-09-895-686-18 Sequence 18, App1
23	280.6	15.4	333	10	US-09-964-824A-411 Sequence 411, App
24	270.2	14.9	1212	10	US-09-826-508-29 Sequence 29, App1
25	270.2	14.9	1515	10	US-09-895-686-11 Sequence 11, App1
26	270.2	14.9	2870	9	US-10-097-340-120 Sequence 120, App
27	270.2	14.9	2870	9	US-10-225-567A-598 Sequence 598, App
28	270.2	14.9	3852	10	US-09-826-508-31 Sequence 31, App1
29	268	14.7	268	10	US-09-895-686-15 Sequence 15, App1
30	248.6	13.7	300	10	US-09-895-686-17 Sequence 17, App1
31	246	13.5	246	10	US-09-895-686-16 Sequence 16, App1
32	227.6	12.5	410	9	US-09-918-995-2323 Sequence 2323, Ap
33	219.4	12.1	219	10	US-09-895-686-13 Sequence 13, App1
34	202.4	11.1	1000	10	US-09-864-761-19238 Sequence 19238, A
35	201.4	11.1	2316	9	US-10-176-847-59 Sequence 59, App1
36	201.4	11.1	2456	9	US-10-158-846-10424 Sequence 453, App
37	201.4	11.1	4239	9	US-10-152-661-249 Sequence 249, App
38	187.4	10.3	1212	9	US-09-866-050A-249 Sequence 249, App
39	187.4	10.3	1212	9	US-09-866-050A-249 Sequence 249, App
40	154.6	8.5	473	10	US-09-864-761-6247 Sequence 6247, Ap
41	154.6	8.5	727	10	US-09-895-686-63 Sequence 63, App1
42	146.4	8.0	948	10	US-09-864-761-2510 Sequence 2510, Ap
43	134.4	7.4	2249	9	US-10-023-282-111 Sequence 111, App
44	132.6	7.3	1038	9	US-10-225-567A-618 Sequence 618, App
45	132.6	7.3	1764	9	US-10-198-846-10652 Sequence 10652, A

## ALIGNMENTS

RESULT 1  
US-09-895-686-7  
Sequence 7, Application US/09895686  
Patent No. US20020106655A1  
GENERAL INFORMATION:  
APPLICANT: Bandman, Olga  
APPLICANT: Lal, Preeti  
APPLICANT: Tang, Y. Tom  
TITLE OF INVENTION: HUMAN GPCR PROTEINS  
FILE REFERENCE: PC-0044 CIP  
CURRENT FILING DATE: 2001-06-28  
NUMBER OF SEQ ID NOS: 74  
SOFTWARE: PERL Program  
SEQ ID NO 7  
LENGTH: 1819  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: misc.feature  
OTHER INFORMATION: Incyte ID No. US20020106655A1 1258981CBI  
US-09-895-686-7  
Query Match 100.0%; Score 1819; DB 10; Length 1819;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1819; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 CGGCTCAGAGCCCTACCAAGCGGAAAGTACGATGCGCTGAGGAGCAACCA 60  
DB 1 CGGCTCAGAGCCCTACCAAGCGGAAAGTACGATGCGCTGAGGAGCAACCA 60  
QY 61 GAGCTGAGCCCTGAGGAGCGAGATGCGATCCAAAGCGTGTGATGTGCTGGACTG 120  
DB 61 GAGCTGAGCCCTGAGGAGCGAGATGCGATCCAAAGCGTGTGATGTGCTGGACTG 120  
QY 121 CCTCTCTCTCTGTTCCAGAGGCGCTGGGCGGATGCTCCACCGGCTGAGGCCAA 180  
DB 121 CCTCTCTCTCTGTTCCAGAGGCGCTGGGCGGATGCTCCACCGGCTGAGGCCAA 180  
QY 181 GGCCTCAACCCCTGTACTACACCTGTGTACCGCTGTGGGGGCTGGGATGTCTCTG 240  
DB 181 GGCCTCAACCCCTGTACTACACCTGTGTACCGCTGTGGGGGCTGGGATGTCTCTG 240

D	b	181	GGCCCAACCCCTCTACTACACCTGTGTACCCGCTCTGGGGGCTGGGGCATCTCTG	240
O	y	241	GAGCCGTGGCTGGGGCGGGCATGTGTACACAGTTTGTGTCTACCATCATCTCTGGTGGC	300
D	b	241	GAGGCGGTGGCTGGGGCGGGCATGTGTACACAGTTTGTGTCTACCATCATCTCTGGTGGC	300
O	y	301	AGCCCTCCCTTGTGTGTACAGGACACCAAGAAAGGAGCCGTGTGGGAGCCAGTATTCTTC	360
D	b	301	AGCCCTCCCTTGTGTGTACAGGACACCAAGAAAGGAGCCGTGTGGGAGCCAGTATTCTTC	360
O	y	361	CTTGTGGGAGACCTTGGGCTCTTCTGCTCGTGTGTGGCTGTGTGTGTGTGTGTGTGTGT	420
D	b	361	CTTGTGGGAGACCTTGGGCTCTTCTGCTCGTGTGTGGCTGTGTGTGTGTGTGTGTGTGT	420
O	y	421	TCACCTTGGCTCTCGGCGCTTCTCTCTTGGGGTCTGTTCGCCATCTCTCTCTGT	480
D	b	421	TCACCTTGGCTCTCGGCGCTTCTCTCTTGGGGTCTGTTCGCCATCTCTCTCTGT	480
O	y	481	CTGGGGGTCTACAGTCTTGGCCCTCAACTTTCCTGGCCCGGAGAACACAGGGCCCGGGGC	540
D	b	481	CTGGGGGTCTACAGTCTTGGCCCTCAACTTTCCTGGCCCGGAGAACACAGGGCCCGGGGC	540
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D	b	541	TGGGTGATCTTACAGTGGCTCTGTGTGTGACCCGTGTGAGAGTGTATCATTAATATACAG	600
O	y	601	TGGCTGATCATCACCTGTGGTTCTGGGGGAGTGGGCGAGGGGCGCTCAGAGGACACAGAC	660
D	b	601	TGGCTGATCATCACCTGTGGTTCTGGGGGAGTGGGCGAGGGGCGCTCAGAGGACACAGAC	660
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D	b	841	GCCATATGGGTGGTGTGGATGTGATGTATCTTACGGCACACAGCACACAAACAGTCCC	900
O	y	901	ACCTGGGATGACCCACAGCTGGCCATGACCTCCGCGCAATGCTTGGGCTTGTGTCTC	960
D	b	901	ACCTGGGATGACCCACAGCTGGCCATGACCTCCGCGCAATGCTTGGGCTTGTGTCTC	960
O	y	961	TTCTACGTATCCCGAGGCTCTCCAGGTGACCAAGTCCACAGCCACCAAGAGTACAG	1020
D	b	961	TTCTACGTATCCCGAGGCTCTCCAGGTGACCAAGTCCACAGCCACCAAGAGTACAG	1020
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D	b	1021	GGGACATGTATACCCACCCGGGGCTGGGCTATGACATCTGAAGAGCAAGAGGT	1080
O	y	1081	CAGAGCATGTCTGTGGAGAACAAAGGCTTTCATGGATGTAGCGGGTGTGACGTAAAGG	1140
D	b	1081	CAGAGCATGTCTGTGGAGAACAAAGGCTTTCATGGATGTAGCGGGTGTGACGTAAAGG	1140
O	y	1141	CCGGTGTACCATATACAGCGGGGTATACAAATGGGAGCTGTGACATGTGTACACCCACT	1200
D	b	1141	CCGGTGTACCATATACAGCGGGGTATACAAATGGGAGCTGTGACATGTGTACACCCACT	1200
O	y	1201	GAGATGGCCCTGATGTACAAAGTTCGCTCCGAAGAGCTTACGACATCATCTCCACGG	1260
D	b	1201	GAGATGGCCCTGATGTACAAAGTTCGCTCCGAAGAGCTTACGACATCATCTCCACGG	1260
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D	b	1261	GCCACCGCCCAACACCAAGGTATGGGAGTGTGCCAACTGTGACCTCTGGGGCTGAAGACATG	1320

QY	1321	TACTCGGCCCCAGAGCCACACAGGCGGCCACACACCCGCCGAAAGACGGCAGAACTCTCAGGTC	1380
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Db	1381	TTTAGAAACCCCTCAGTGTGGGAGTGTGAGTCAAGCGGTGGCAGAGAGAGCGGTGGGATTTG	1440
QY	1441	GGGAGGGCCCTGAGGAGCTGGCCCCCGGCAAGGAGTCTCCAGGCTCTCTCCCTGG	1500
Db	1441	GGGAGGGCCCTGAGGAGCTGGCCCCCGGCAAGGAGTCTCCAGGCTCTCTCCCTGG	1500
QY	1501	CAGGCCCCAGCAACATGTGCCCCAGATGTGGAAAGGGCCCTCCCTCTCTGCGAGTGTGGGT	1560
Db	1501	CAGGCCCCAGCAACATGTGCCCCAGATGTGGAAAGGGCCCTCCCTCTCTGCGAGTGTGGGT	1560
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Db	1561	GGGTGTCAATGGGTGTCCCCACCACTCTCAGTGTGTGGAGTGTGAGAGCCAAACCCA	1620
QY	1621	GCCTCTCTCCAGGATCACCTTGGCGGTTCACACTCCAGCCAAATAGTCTTCCGGGTGT	1680
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QY	1681	GGCTGGGAGGCGCTATGTTCTCTCGAGATTCCTGCACCTCAAGACTTCCCAAGGCG	1740
Db	1681	GGCTGGGAGGCGCTATGTTCTCTCGAGATTCCTGCACCTCAAGACTTCCCAAGGCG	1740
QY	1741	CTCAGAGCCCTGATCTGCTCTGTGAGGAACAAGGGTGCCTAATTAATACATTTCTGC	1800
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Db	1801	TTTATTAACTCTTAAAAA 1819	
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US-09-871-874-4			
; Sequence 4, Application US/09871874			
; Patent No. US20020081655A1			
; GENERAL INFORMATION:			
; APPLICANT: SAVITZKY, Kinmeret			
; APPLICANT: TOPORIK, Amir			
; APPLICANT: MINTZ, Liat			
; TITLE OF INVENTION: Splice Variant of mJLUR			
; FILE REFERENCE: 2786-0176P			
; CURRENT APPLICATION NUMBER: US/09/871,874			
; CURRENT FILING DATE: 2001-09-04			
; NUMBER OF SEQ ID NOS: 21			
; SOFTWARE: PatentIn Ver. 2.1			
; SEQ ID NO 4			
; LENGTH: 2314			
; TYPE: DNA			
; ORGANISM: Homo sapiens			
US-09-871-874-4			
Query Match 98.7%; Score 1794.8; DB 10; Length 2314;			
Best Local Similarity 99.9%; Pred. No. 0;			
Matches 1796; Conservative 0; Mismatches 2; Indels 0; Gaps 0;			
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QY	71	TGGAGGCAGGATGGCATCCACAAACCTTGGTGAATGCTCGGAGTGCCTCTTCC	130
Db	574	TGGAGGCAGGATGGCATCCACAAACCTTGGTGAATGCTCGGAGTGCCTCTTCC	633
QY	131	TGTTCCAGAGGGGCTGGGCCCAAGGCCATGTCCACCCGGCTCAGACCAAGGCTTCAC	190
Db	634	TGTTCCAGAGGGGCTGGGCCCAAGGCCATGTCCACCCGGCTCAGACCAAGGCTTCAC	693



PRIOR APPLICATION NUMBER: 60/068,365  
PRIOR FILING DATE: 1997-12-19  
NUMBER OF SEQ ID NOS: 672  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 22  
LENGTH: 1860  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: SITE  
LOCATION: (1846)  
OTHER INFORMATION: n equals a,t,g, or c  
NAME/KEY: SITE  
LOCATION: (1848)  
OTHER INFORMATION: n equals a,t,g, or c  
NAME/KEY: SITE  
LOCATION: (1853)  
OTHER INFORMATION: n equals a,t,g, or c  
US-10-097-065-22

Query Match 98.2%; Score 1786.4; DB 9; Length 1860;  
Best Local Similarity 99.4%; Pred. No. 0;  
Matches 1798; Conservative 4; Mismatches 5; Indels 1; Gaps 1;

QY 12 CTCACAGCGCGGAAATAGAGTCCGCTCAGCTGAGAGGAGCCCAACAGAGCTGAGCT 71  
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QY 72 GGGAGCAGAGATGGCCATCCACAAAGCCTTGATGATGCTGAGGACTGCTCTCTCT 131  
DB 61 GGGAGCAGATGGCCATCCACAAAGCCTTGATGATGCTGAGGACTGCTCTCTCTCT 120  
QY 132 GTTCCAGAGGCGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 191  
DB 121 GTTCCAGAGGCGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 180  
QY 192 CCGTACTACAACTGTGTGACCGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 251  
DB 181 CCGTACTACAACTGTGTGACCGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 240  
QY 252 TGGGGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 311  
DB 241 TGGGGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 300  
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DB 301 TGTGAGAGCAGCAAGAAAGAGAGGCTGCTGAGAGGAGGAGGAGGAGGAGGAGG 360  
QY 372 CCGTACTACAACTGTGTGACCGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 431  
DB 361 CCGTACTACAACTGTGTGACCGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 420  
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DB 421 CTCTGCGGCGCTCTCTTGGGGTCTGTGCGCACTGCTCTCTCTCTCTCTCTCTCT 480  
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DB 541 CACTGAGGCTGCTGCTGAGCCTGCTGAGAGGAGGAGGAGGAGGAGGAGGAGGAGG 600  
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QY 1812 TTAATAAA 1819



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RESULT 5
US-09-812-102-19/c
; Sequence 19, Application US/09812102
; Patent No. US20020055179A1
; GENERAL INFORMATION:
; APPLICANT: Robison, Keith E
; TITLE OF INVENTION: No. US090055179A1el G-Protein Coupled Receptor Homologs
; FILE REFERENCE: 5800-41 035800/183478
; CURRENT APPLICATION NUMBER: US/09/812,102
; PRIOR FILING DATE: 2001-03-19
; PRIOR APPLICATION NUMBER: PRIOR APPLICATION NUMBER: US/09/364,769
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 19
; LENGTH: 2089
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: GPCR-METABOTROPIC
; NAME/KEY: misc_feature
; LOCATION: (1)..(2089)
; OTHER INFORMATION: n - a, t, c, or g
US-09-812-102-19

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Query Match 97.3%; Score 1769; DB 10; Length 2089;

Best Local Similarity 99.6%; Pred. No. 0;

Matches 1805; Conservative 0; Mismatches 5; Indels 3; Gaps 3;

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QY      1208 CCTGATGACAAAGTTCCGTCGGAAGAGCTTACGACATCATCTCTCCAGGGGCAAG 1267
Db      620 CCTGATGACAAAGTTCCGTCGGAAGAGCTTACGACATCATCTCTCCAGGGGCAAG 561
QY      1268 CCAACAGCAGGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1327
Db      560 CCAACAGCAGGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 501
QY      1328 CCAACAGCAGCAGG-CGCAACAGCGCGGAAGAGCGCAAGAGCTCAGAGCTCTTGA 1386
Db      500 CCAACAGCAGCAGGCGGCGCAACAGCGCGGAAGAGCGCAAGAGCTCAGAGCTCTTGA 441
QY      1387 AACCCCTAGTGTGGAGTGAATGAGCGGTGGAGAGAGAGCGGTGAGATTTGGGAG 1446

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Db 440 AACCCCTACGTGTGGGACTGAGTCAGCGGTGGCGAGAGAGCGCGATTTGGGGAGG 381  
Oy 1447 GCCCTGAGGACCTGCGCCCGGGGCAAGGACCTTCAGGCTCTCCCTCCCTGGAGGCC 1506  
Db 380 GCCCTGAGGACCTGCGCCCGGGGCAAGGACCTTCAGGCTCTCCCTCCCTGGAGGCC 321  
Oy 1507 CAGCAACATGTGCCCCAGATGTGAGAGGCGCTCCCTCTGCGCAGTGTGGGTGGTGT 1566  
Db 320 CAGCAACATGTGCCCCAGATGTGAGAGGCGCTCCCTCTGCGCAGTGTGGGTGGTGT 261  
Oy 1567 CATGGGTGTCCCGACCACTCTCTAGTGTGTGGAGTCAGAGGCCAACCCAGCCTCC 1626  
Db 260 CATGGGTGTCCCGACCACTCTCTAGTGTGTGGAGTCAGAGGCCAACCCAGCCTCC 201  
Oy 1627 TGCCAGATCATCTCGGCGGTGACACTTCACCAATAGTGTCTCGGGGTGGGGCTGG 1686  
Db 200 TGCCAGATCATCTCGGCGGTGACACTTCACCAATAGTGTCTCGGGGTGGGGCTGG 141  
Oy 1687 GCAGCGCTATGTTTCTGTGAGATTCCTGCAACCTCAAGAGACTTCCAGCGCTCAGG 1746  
Db 140 GCAGCGCTATGTTTCTGTGAGATTCCTGCAACCTCAAGAGACTTCCAGCGCTCAGG 81  
Oy 1747 CCTGATCTTCTCTCTCTGTGAGAGCAAGGCTGCTTAATAATACATTTCTGCTTATT 1806  
Db 80 CCTGATCTTCTCTCTCTGTGAGAGCAAGGCTGCTTAATAATACATTTCTGCTTATT 21  
Oy 1807 AACTCTTAAAAA 1819  
Db 20 AAAAAAAAAAAAA 8

RESULT 6  
US-10-225-567A-620  
: Sequence 620, Application US/10225567A  
: Publication No. US20030113798A1  
: GENERAL INFORMATION:  
: APPLICANT: Lifespan Biosciences  
: APPLICANT: Brown, Joseph P.  
: APPLICANT: Burner, Glenna C.  
: APPLICANT: Roush, Christine L.  
: TITLE OF INVENTION: ANTIGENIC PEPTIDES AND ANTIBODIES FOR G PROTEIN-COUPLED RECEPTORS  
: FILE REFERENCE: 1920-4-4  
: CURRENT APPLICATION NUMBER: US/10/225,567A  
: CURRENT FILING DATE: 2001-12-19  
: PRIOR APPLICATION NUMBER: 60/257,144  
: PRIOR FILING DATE: 2000-12-19  
: NUMBER OF SEQ ID NOS: 2292  
: SOFTWARE: PatentIn version 3.1  
: SEQ ID NO 620  
: LENGTH: 1844  
: TYPE: DNA  
: ORGANISM: Homo sapiens  
US-10-225-567A-620

Query Match 96.0%; Score 1746.2; DB 9; Length 1844;  
Best Local Similarity 99.5%; Pred. No. 0;  
Matches 1762; Conservative 0; Mismatches 8; Indels 1; Gaps 1;

Oy 49 GGGAGCCCAACCAAGAGCTGGGCTGGAGCCAGATGGCCATCCCAAAAGCCTTGGTATG 108  
Db 70 GGGAGCCCAACCAAGAGCTGGGCTGGAGCCAGATGGCCATCCCAAAAGCCTTGGTATG 129  
Oy 109 TGCGTGGAGTGCCTCTCTCTCTGTCGCCAGGGGCTGGGGCCAGGGGCTATGCCACCC 168  
Db 130 TGCGTGGAGTGCCTCTCTCTCTGTCGCCAGGGGCTGGGGCCAGGGGCTATGCCACCC 189  
Oy 169 GCGTGCAGCCAAAGGCTCAACCCCTGTACTACAACTGTGTGACCGCTGTGGGCGTGG 228  
Db 190 GCGTGCAGCCAAAGGCTCAACCCCTGTACTACAACTGTGTGACCGCTGTGGGCGTGG 249  
Oy 229 GCGATGCTCTGTGAGGCGGTGGCTGGGGCGGCAATTGTACACAGTTTGTCTACCATC 288

Db 250 GGCATGCTCTGTGAGGCGGTGGCTGGGGCGGGCATTTGTACACAGTTTGTCTACCATC 309  
Oy 289 ATCTGGGAGCCACCTCTCCCTTTGTGAGGAGACCAAGAAAGGACCTGTGGGAGC 348  
Db 310 ATCTGGGAGCCACCTCTCCCTTTGTGAGGAGACCAAGAAAGGACCTGTGGGAGC 369  
Oy 349 CAGGTATTTCTCTTGTGGGAGCCCTGCTTCTGACCTGTGTGTGGCTGTGTGTG 408  
Db 370 CAGGTATTTCTCTTGTGGGAGCCCTGGGCTCTCTGACCTGTGTGTGGCTGTGTGTG 429  
Oy 409 AAGCCGACCTTCTACCTGTGCTCTGCGGCTTCTCTTGGGGTTCGTGGCATC 468  
Db 430 AAGCCGACCTTCTACCTGTGCTCTGCGGCTTCTCTTGGGGTTCGTGGCATC 489  
Oy 469 TGCTTCTCTTGTGGGGGCTGACGTCTTGGCCCTCAACTTCGCGGCGGCAAGACAC 528  
Db 490 TGCTTCTCTTGTGGGGGCTGACGTCTTGGCCCTCAACTTCGCGGCGGCAAGACAC 549  
Oy 529 GGGCCCGGGGCTGGGTATCTTCACTGTGCTCTGCTGACCTGTGAGAGTCATC 588  
Db 550 GGGCCCGGGGCTGGGTATCTTCACTGTGCTCTGCTGACCTGTGAGAGTCATC 609  
Oy 589 ATCAATACAGTGGCTGATCATCACCTGGTTGGGGCAATGGCGAGGCGGCTCAG 648  
Db 610 ATCAATACAGTGGCTGATCATCACCTGGTTGGGGCAATGGCGAGGCGGCTCAG 669  
Oy 649 GGCACACAGCAGCGAGCGTGGGCGCTCCCTCGTGTCATCGCAACATGAGACTTT 708  
Db 670 GGCACACAGCAGCGAGCGTGGGCGCTCCCTCGTGTCATCGCAACATGAGACTTT 729  
Oy 709 GTCATGGCACTCATCTACGTATCTGTGCTGTGGGTGCTTCTGTGGGCGCTGAGCC 768  
Db 730 GTCATGGCACTCATCTACGTATCTGTGCTGTGGGTGCTTCTGTGGGCGCTGAGCC 789  
Oy 769 GCCCTGTGGGCGGCTCAAGCGCTGCGCTTAAGCATGGGGCTTTGTGCTCTACACA 828  
Db 790 GCCCTGTGGGCGGCTCAAGCGCTGCGCTTAAGCATGGGGCTTTGTGCTCTACACA 849  
Oy 829 GCCACCTCCGTTGGCATATGGGTGGTGGATGTCATGTTACTTACGGCAACAAGCAG 888  
Db 850 GCCACCTCCGTTGGCATATGGGTGGTGGATGTCATGTTACTTACGGCAACAAGCAG 909  
Oy 889 CACAACGTCCACCTGGGATGACCCACGCTGGCCATCGGCTCGCGGCCAATGCTGG 948  
Db 910 CACAACGTCCACCTGGGATGACCCACGCTGGCCATCGGCTCGCGGCCAATGCTGG 969  
Oy 949 GCCCTTGTCTCTCTCTACGTATCTCCGAGGTCTCCAGGTGACCAAGTCCAGCCAG 1008  
Db 970 GCCCTTGTCTCTCTCTACGTATCTCCGAGGTCTCCAGGTGACCAAGTCCAGCCAG 1029  
Oy 1009 CAAAGCTACAGGGGAGCATGTACCCACCGGGGCGTGGGCTATGAGACCATCTGAAA 1068  
Db 1030 CAAAGCTACAGGGGAGCATGTACCCACCGGGGCGTGGGCTATGAGACCATCTGAAA 1089  
Oy 1069 GAGCAGAAAGGCTCAGAGCATGTTGTGGAGAAAGAGGCTTTTCATGATGAGCCGTT 1128  
Db 1090 GAGCAGAAAGGCTCAGAGCATGTTGTGGAGAAAGAGGCTTTTCATGATGAGCCGTT 1149  
Oy 1129 GCAGCTAAGAGGCGGCTGTACCATACAGCGGGTACATAGGGCAGCTGTGACCAAGTGT 1188  
Db 1150 GCAGCTAAGAGGCGGCTGTACCATACAGCGGGTACATAGGGCAGCTGTGACCAAGTGT 1209  
Oy 1189 TACAGGCCACTGTAGATGGCCCTGATGACAAATTCGTCGGAAGGAGCTTACGACATC 1248  
Db 1210 TACAGGCCACTGTAGATGGCCCTGATGACAAATTCGTCGGAAGGAGCTTACGACATC 1269  
Oy 1249 ATCTCCACGAGGCGCACCGCCACAGCCAGGTGATGGGCAATGCAACTGCACTCGCG 1308  
Db 1270 ATCTCCACGAGGCGCACCGCCACAGCCAGGTGATGGGCAATGCAACTGCACTCGCG 1329  
Oy 1309 GCTGAAGCATGTACTGGGCGCAAGCCAGCGGCGCACCGCGGAGAAAGAGCGCAAG 1368  
Db 1330 GCTGAAGCATGTACTGGGCGCAAGCCAGCGGCGCACCGCGGAGAAAGAGCGCAAG 1389



QY 1330 CAGAGCCACCAAGCGGCGCACACCGCGGAAAGACGGCAGAACTCTCAGGT 1379  
|||||  
Db 1833 CAGAGCCACCAAGCGGCGCACACCGCGGAAAGACGGCAGAACTCTCAGGT 1882

## RESULT 8

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US-09-871-874-7
: Sequence 7, Application US-09/871874
: Patent No. US20020081655a1
: GENERAL INFORMATION:
: APPLICANT: SAVITZKY, Kinneret
: APPLICANT: TOPORIK, Amir
: APPLICANT: MINTZ, Liat
: TITLE OF INVENTION: Splice Variant of mclur
: FILE REFERENCE: 2786-0176P
: CURRENT APPLICATION NUMBER: US-09/871,874
: CURRENT FILING DATE: 2001-09-04
: NUMBER OF SEQ ID NOS: 21
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO 7
: LENGTH: 1532
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-871-874-7

```

Query Match	74.48;	Score 1353.4;	DB 10;	Length 1532;
Best Local Similarity	99.98;	Pred. NO. 0;		
Matches 1354;	Conservative	0;	Mismatches 1;	Indels 0;
			Gaps	0

OY	11	CCTACACGACGGGAAAGTACAGTGGGGCTACCTGTGAGAGGGAGCCAAACGAGAGCCGGGGC	70
Db	41	CCTCACGACCGGGAAAGTACAGTGGGGCTACCTGTGAGAGGGAGCCAAACGAGAGCCGGGGC	100
OY	71	TGGAGCCAGGATGGCCATCCACAAGCCCTTGATGTGCTGGGACGTCCCTCTCTCC	130
Db	101	TGGAGCCAGGATGGCCATCCACAAGCCCTTGATGTGCTGGGACGTCCCTCTCTCC	160
OY	131	TGTTCCACAGGGGCGGGGCCAGGGGCCATGTCTCCACCCGGCTGTCAAGCCAAAGCCTTAAC	190
Db	161	TGTTCCACAGGGGCGGGGCCAGGGGCCATGTCTCCACCCGGCTGTCAAGCCAAAGCCTTAAC	220
OY	191	CCCTGTACTACAACTGTGTGACCCGCTCTGGGGGCGTGGGGGACATCGCTCGAGAGGCGGTGG	250
Db	221	CCCTGTACTACAACTGTGTGACCGCTCTGGGGGCGTGGGGGACATCGCTGTGAGAGCGGTGG	280
OY	251	CTGGGGCGGGCATTTGTCAACACGTTTGTGTCAACATATCTCTGGTGGCCAGCCTCCCT	310
Db	281	CTGGGGCGGGCATTTGTCAACAGTTTGTGTCTACCATCATCTCTGGTGGCGAGCCTCCCT	340
OY	311	TTGTGCAGGACACCAAGAAAGGAGACCTGTGGGGGACCAAGATATCTCTCTGGGGG	370
Db	341	TTGTGCAGGACACCAAGAAAGGAGACCTGTGGGGGACCAAGATATCTCTCTGGGGG	400
OY	371	CCCTGGGCGCTTCTGTGCGTGTGTGCGCTGTGTGTGAGGCCGAGCTTCCACCTGTG	430
Db	401	CCCTGGGCGCTTCTGTGCGCTGTGTGCGCTGTGTGTGAGGCCGAGTTCTCCACCTGTG	460
OY	431	CCTCTCGGGCGCTCTCTTTGGGGTTCTGTGGCCATCTGCTTCTTGTCTGTGGCGGCTC	490
Db	461	CCTCTCGGGCGCTCTCTTTGGGGTTCTGTGGCCATCTGCTTCTTGTCTGTGGCGGCTC	520
OY	491	ACGTGTTTGGCCCTCAACTTCTGTGGGCCCGGAACAACACAGGGGCCCGGGGCTGGGTATCT	550
Db	521	ACGTGTTTGGCCCTCAACTTCTGTGGGCCCGGAACAACACAGGGGCCCGGGGCTGGGTATCT	580
OY	551	TCAGTGTGGCTCTGCTGTGACCCCTGTGAGAGCTATCATCAATACAGATGGCTGATCA	610
Db	581	TCAGTGTGGCTCTGCTGTGACCCCTGTGAGAGCTATCATCAATACAGATGGCTGATCA	640
OY	611	TCACCCGTGTTGGGGGACGTGGCCAGAGGGGGCCCTCAAGGGCAACACAGCGACGCTGGG	670
Db	641	TCACCCGTGTTGGGGGACGTGGCCAGAGGGGGCCCTCAAGGGCAACACAGCGACGCTGGG	700

QY	671	CCGGGGCCTCCCCCGTGGCCATTGCCCAAAATGAGACTTTGTATGGCACTATCACTAGTCA	730
Db	701	CCGTGGCCTCCCCCGTGGCCATTGCCCAAAATGAGACTTTGTATGGCACTATCACTAGTCA	760
QY	731	TGCTGCTGCTCTGTGGGTGCTCTCCCTGGGGGGCTGGGCCGCCCTGTGTGGCGGTACAAAGC	790
Db	761	TGCTGCTGCTCTGTGGGTGCTCTCCCTGGGGGGCTGGGCCGCCCTGTGTGGCGGTACAAAGC	820
QY	791	GCTGGCGTAAACATGGGGTCTTTTGTGCTCTCTACACACAGCCACTCCGTTGCCATPAGG	850
Db	821	GCTGGCGTAAACATGGGGTCTTTTGTGCTCTCTACACACAGCCACTCCGTTGCCATPAGG	880
QY	851	TGTGTGGATGCTATGATATCTACGGAACAAGACAGACACATGTCCTCCACTGGGATG	910
Db	881	TGTGTGGATGCTATGATATCTACGGAACAAGACAGACACATGTCCTCCACTGGGATG	940
QY	911	ACCCACGCTGGCCATGGCCCTGGCCGCCCAATGCTTGGGCGCTTCCTCTTACGTCA	970
Db	941	ACCCACGCTGGCCATGGCCCTGGCCGCCCAATGCTTGGGCGCTTCCTCTTACGTCA	1000
QY	971	TCGCCGAGTGTCCGAGGTGACCAAGTCCACGCCAGAGCAAAAGTTACACGGGGGACATGT	1030
Db	1001	TCGCCGAGTGTCCGAGGTGACCAAGTCCACGCCAGAGCAAAAGTTACACGGGGGACATGT	1060
QY	1031	ACCCACCCGGGGCGTGGGCTATGAGACCATCTGAAAGACAGAGGGTCCAGACATGT	1090
Db	1061	ACCCACCCGGGGCGTGGGCTATGAGACCATCTGAAAGACAGAGGGTCCAGACATGT	1120
QY	1091	TCGTGGAGAACAAAGGCTTTTCCAAATGATGAGCCGGTTGCGAGCTPAAAGGCGGGGTGCAC	1150
Db	1121	TCGTGGAGAACAAAGGCTTTTCCAAATGATGAGCCGGTTGCGAGCTPAAAGGCGGGGTGCAC	1180
QY	1151	CATACAGCGGGTACAAATGGGCGAGCTGCTGACACAGTGTGTATACACGCCACTGAGATGGCC	1210
Db	1181	CATACAGCGGGTACAAATGGGCGAGCTGCTGACACAGTGTGTATACACGCCACTGAGATGGCC	1240
QY	1211	TGATGGCAAAAGTTCCGTCGGAAGGAGTTACGACATCATCTCCACAGGGGCCACCGCA	1270
Db	1241	TGATGGCAAAAGTTCCGTCGGAAGGAGTTACGACATCATCTCCACAGGGGCCACCGCA	1300
QY	1271	ACAGCAGGTATGGGCGAGTGCACCACTCGACCTTCGGGGCTGAAGACATGTACTCGGCC	1330
Db	1301	ACAGCAGGTATGGGCGAGTGCACCACTCGACCTTCGGGGCTGAAGACATGTACTCGGCC	1360
QY	1331	AGAGCGACCAAGCGGCCACACGGCGGCAAAAGACGGC	1365
Db	1361	AGAGCGACCAAGCGGCCACACGGCGGCAAAAGACGGC	1395

## RESULT 9

```

US-09-871-874-1
; Sequence 1, Application US-09/871874
; Patent No. US2002008155A1
; GENERAL INFORMATION:
; APPLICANT: SAVITERKY, Kinnerset
; APPLICANT: TOPORNIK, Amir
; APPLICANT: MINTZ, Lat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ. ID NO. 1
; LENGTH: 2041
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-871-874-1

```

Query Match	73.2%	Score 1331.8	DB 10	Length 2041
Best Local Similarity	99.9%	Pred. NO. 0		
Matches 1333; Conservative	0	Mismatches	2	Indels 0; Gaps 0

QY	45	TCGAGGAGACCCAAACAGAGACCTGGCTGGAGACAGAGATGGCCATCCAAAGACCTTGGT	104
Db	634	TGGAAAGACCCAAACAGAGACCTTGGCTGGAGACAGAGATGGCCATCCAAAGACCTTGGT	693
QY	105	GATGTGCTGGAGACGTGCTCTCTCCCTGTTTCCAGGGGCTGGGCCACAGGCCATGTGCC	164
Db	694	GATGTGCTGGAGACGTGCTCTCTCTCCCTGTTTCCAGGGGCTGGGCCACAGGCCATGTGCC	753
QY	165	ACCCGGCTGCAGCCAAAGGCTCAACCCCTGTACTACAACCTGTGTGACCCGCTTGGGGC	224
Db	754	ACCCGGCTGCAGCCAAAGGCTCAACCCCTGTACTACAACCTGTGTGACCCGCTTGGGGC	813
QY	225	GTGGGGCATGTCTCGAGGAGCCGTGGCTGGGGCGGGGCAATGTACACAGTTGTGTGTAC	284
Db	814	GTGGGGCATGTCTCGAGGAGCCGTGGCTGGGGCGGGGCAATGTACACAGTTGTGTGTAC	873
QY	285	CATCATCTGTGTGGCAGGCTTCCCTTGTGTGACGACACAAAGAAACGAGGCTGTGTGG	344
Db	874	CATCATCTGTGTGGCAGGCTTCCCTTGTGTGACGACACAAAGAAACGAGGCTGTGTGG	933
QY	345	GACCCAGGATATCTTCTTCTTGCGGACCTTGGGCCTCTTCTGACCTGTGTGTGTGCTGTGT	404
Db	934	GACCCAGGATATCTTCTTCTTGCGGACCTTGGGCCTCTTCTGACCTGTGTGTGTGCTGTGT	993
QY	405	GGTGAAGCCGAGCTTCCACCTGTGACCTTGAGGCGCTGGGGCTTCCTTGGGGTCTGTGTGC	464
Db	994	GGTGAAGCCGAGCTTCCACCTGTGACCTTGAGGCGCTGGGGCTTCCTTGGGGTCTGTGTGC	1055
QY	465	CATCTGCTTCTCTGTGTGCGCGCTACAGTCTTGTCCCTCAACTTCTGTGGCCCGGAGAA	524
Db	1054	CATCTGCTTCTCTGTGTGCGCGCTACAGTCTTGTCCCTCAACTTCTGTGGCCCGGAGAA	1111
QY	525	CCACGGGGCCCGGGGCTGGGTGATCTTCACTGTGGCTGTGCTGTGACCTGTGTAGAGT	584
Db	1114	CCACGGGGCCCGGGGCTGGGTGATCTTCACTGTGGCTGTGCTGTGACCTGTGTAGAGT	1177
QY	585	CATCATCAATACAGAGTGGCTGATCATCAACCTGTGTGGGGCAATGGGGAGGGGGGCC	644
Db	1174	CATCATCAATACAGAGTGGCTGATCATCAACCTGTGTGGGGCAATGGGGAGGGGGGCC	1233
QY	645	TCAGGGCAACAGACGAGGCTGGGCGGTGGCCCTCCCTGTGTGCATTCGCAATCGCAACATGA	704
Db	1234	TCAGGGCAACAGACGAGGCTGGGCGGTGGCCCTCCCTGTGTGCATTCGCAATCGCAACATGA	1299
QY	705	CTTTGTCAATGGACATCATCTACGTATGCTGTGCTGTGGGTGCTTCTGGGGGCGTG	764
Db	1294	CTTTGTCAATGGACATCATCTACGTATGCTGTGCTGTGGGTGCTTCTGGGGGCGTG	1355
QY	765	GCCCCCGCTGTGGCGGCTACAACAGGCTGGCGGTAAAGATGGGGGCTTGTGTCTCTCAC	824
Db	1354	GCCCCCGCTGTGTGGCGGCTACAACAGGCTGGCGGTAAAGATGGGGGCTTGTGTCTCTCAC	1413
QY	825	CACAGCCACCTCCGTGTGCATATAGGGTGGTGTGATCTGATGTATCTTACGGGCAACA	884
Db	1414	CACAGCCACCTCCGTGTGCATATAGGGTGGTGTGATCTGATGTATCTTACGGGCAACA	1477
QY	885	GCAGCACAAAGTCCACCTGGGATGACCCACAGCTGGGCAATGGCCCTGCGGCCCAATGC	944
Db	1474	GCAGCACAAAGTCCACCTGGGATGACCCACAGCTGGGCAATGGCCCTGCGGCCCAATGC	1533
QY	945	CTGGGGCTTCTGTCTCTTCTTACAGTATCCCGAGAGTCTTCCAGGTGACCAAGTCCAGCC	1004
Db	1534	CTGGGGCTTCTGTCTCTTCTTACAGTATCCCGAGAGTCTTCCAGGTGACCAAGTCCAGCC	1593
QY	1005	AGAGCAAAAGCTACCAAGGGGACATGTACCCACCCGGGGCGTGGGCTATGAGACCATCTT	1066
Db	1594	AGAGCAAAAGCTACCAAGGGGACATGTACCCACCCGGGGCGTGGGCTATGAGACCATCTT	1655
QY	1065	GAAGAAGCAGAGGGTTCAGAGCATGTTCGTGGAAACAAGGCTTTTCCATAGATGAGACC	1124
Db	1654	GAAGAAGCAGAGGGTTCAGAGCATGTTCGTGGAAACAAGGCTTTTCCATAGATGAGACC	1713
QY	1125	GGTTGACCTTAAGAGCGCGGTGTATCACTATACAGCGGGTACTAATGGGACGTTGCTGACAG	1184

DB	1714	GGTTCGACGCTAAGAGGCGCGGTGTGACCACTAACGCGGGTNCATGGGCAAGCTGCTGACACAG	1773
QY	1185	TGTGTACCAAGCCCACTGATGAGATGGCCCTGATGCACAAAGTTCGTTCCGAAGAGGCTTTACGA	1244
Db	1774	TGTGTACCAAGCCCACTGATGAGATGGCCCTGATGCACAAAGTTCGTTCCGAAGAGGCTTTACGA	1833
QY	1245	CATCATCTCCACAGGGGCGACGGCCCAACAGCAGAGGTGATGGCGATGGCCACTGCAGCCT	1304
Db	1834	CATCATCTCCACAGGGGCGACGGCCCAACAGCAGAGGTGATGGCGATGGCCACTGCAGCCT	1893
QY	1305	GGGGGCTAAACATGTTACTCTGGGGCCAGAGCCACCAAGGCGGCCCAACCGCCGAAAGACGG	1364
Db	1894	GGGGGCTAAACATGTTACTCTGGGGCCAGAGCCACCAAGGCGGCCCAACCGCCGAAAGACGG	1953
QY	1365	CAAGACTCTTAGGT 1379	
Db	1954	CAAGACTCTTAGGT 1968	

	RESULT 10	
	US-09-871-874-2	
	; Sequence 2, Application US/09871874	
	; Patent No. US2002008165A1	
	; GENERAL INFORMATION:	
	; APPLICANT: SAVITZKY, Kinmeret	
	; APPLICANT: TOPORIK, Amir	
	; APPLICANT: MINTZ, Ilat	
	; TITLE OF INVENTION: Splice Variant of mglur	
	; FILE REFERENCE: 2786-0176P	
	; CURRENT APPLICATION NUMBER: US/09/871.874	
	; CURRENT FILING DATE: 2001-09-04	
	; NUMBER OF SEQ ID NOS: 21	
	; SOFTWARE: PatentIn Ver. 2.1	
	; SEQ ID NO 2	
	; LENGTH: 1805	
	; TYPE: DNA	
	; ORGANISM: Homo sapiens	
	US-09-871-874-2	
Query Match	67.0%; Score 1218; DB 10; Length 1805;	
Best Local Similarity	100.0%; Pred. No. 0;	
Matches 1218; Conservative	0; Mismatches 0; Indels 0; Gaps 0;	
OY	10 CCTCTACACAGCCGGAAAGTACGAGTCGGCTCAGCGCTGAGGAGGCCAACCAAGAGACTGTGC	69
Db	513 CCCTCACACAGCCGGAAGTAGATGAGATCGGCTCAGCGCTGAGGAGGCCAACCAAGAGACTGTGC	572
OY	70 CTGGGAGCCAGGATGCGCATCCACAAGAACCCTTGATGTGCTGGGAGCTGCTCTCTTC	129
Db	573 CTGGGAGCCAGGATGCGCATCCACAAGAACCCTTGATGTGCTGGGAGCTGCTCTCTTC	632
OY	130 CTTGTTCCCAGGGGCGCTGGGCCAGGGGCGATGTCCCAACCGGCTGTCAECCAAGGCGTTTAAC	189
Db	633 CTGTTCCAGGGGCGCTGGGCCAGGGGCGATGTCCCAACCGGCTGTCAECCAAGGCGTTTAAC	692
OY	190 CCCCTGACTACAACTGTGTGAGACCGGCTGTGGGGCGTGGGGACATCGTCTGGAGGGCGGTG	249
Db	693 CCCCTGACTACAACTGTGTGAGACCGGCTGTGGGGCGTGGGGACATCGTCTGGAGGGCGGTG	752
OY	250 GCTGGGGCGGGCATGTGTACACAGATTGTGTCTACCATCATCTGTGTGGGCGAGGCTTCCC	309
Db	753 GCTGGGGCGGGCATGTGTACACAGATTGTGTCTACCATCATCTGTGTGGGCGAGGCTTCCC	812
OY	310 TTTGTGTAGAGACACCAAGAAACGAGAGCTCTGTGGGACCCAGGATATTCTTCTTGTGGGG	369
Db	813 TTTGTGTAGAGACACCAAGAAACGAGAGCTCTGTGGGACCCAGGATATTCTTCTTGTGGGG	872
OY	370 ACCCTGGGCGCTTCTTGTGCGCTGATTTGGCTGTGGTGTGAAGGCCAGACTCTTCACACTGT	429
Db	873 ACCCTGGGCGCTTCTTGTGCGCTGATTTGGCTGTGGTGTGAAGGCCAGACTCTTCACACTGT	932
OY	430 GCCCTTCGGGCGCTTCTTGTGGGGTTCTGTGGCATCTGCTTCTTGTGTGGGGGCT	489

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Db 933 GGCCTCGGCGGCTCTCTCTTGGGGTTCGTTGCCATCTGCTTCTCTGTCGGGGGCT 992
    CAGCTTTTGGCCCTCAACTTCCGCGCCGGAAGAACACAGGGGCCCGGGGGCTGGATG 549
    993 CAGCTTTTGGCCCTCAACTTCTCTGCGCCGGAAGAACACAGGGGCCCGGGGGCTGGATG 1052
    550 TTCACGTGGCTCTGCTGTGACCTCTGAGAGGTATCATCAATACAGAGTGGCTGATC 609
    1053 TTCACGTGGCTCTGCTGTGACCTCTGAGAGGTATCATCAATACAGAGTGGCTGATC 1112
    610 ATACACCTGGTGGGGGCACTGGCGAGGGCGCCCTCAGGGCAACAGCCAGAGCTGG 669
    1113 ATACACCTGGTGGGGGCACTGGCGAGGGCGCCCTCAGGGCAACAGCCAGAGCTGG 1172
    670 GCGGTGGCTCCCGCTGTGACATCGCCCAACATGAGCTTGTATGGACATCATCTACGTC 729
    1173 GCGGTGGCTCCCGCTGTGACATCGCCCAACATGAGCTTGTATGGACATCATCTACGTC 1232
    730 ATGCTGCTGCTGCTGGGTGCTTCTGAGGGGCTGGCCCGCTGTGTGGCCGCTACAG 789
    1233 ATGCTGCTGCTGCTGGGTGCTTCTGAGGGGCTGGCCCGCTGTGTGGCCGCTACAG 1292
    790 CGCTGGCTGAGATGGGGCTTGTGTCTCTCTACACAGCCACTTCCGCTGCTACATGG 849
    1293 CGCTGGCTGAGATGGGGCTTGTGTCTCTCTACACAGCCACTTCCGCTGCTACATGG 1352
    850 GTGGTGGATGCTGATGATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 909
    1353 GTGGTGGATGCTGATGATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 1412
    910 GACCCACAGCTGGCATCGCCCTGCGCCCAATGCTGGGCTTCTCTCTCTCTACATGTC 969
    1413 GACCCACAGCTGGCATCGCCCTGCGCCCAATGCTGGGCTTCTCTCTCTCTACATGTC 1472
    970 ATCCCGAGGTCTCCAGAGTACCAAGTCCAGCCAGAGAGCAAGTACCAAGGGGAGATG 1029
    1473 ATCCCGAGGTCTCCAGAGTACCAAGTCCAGCCAGAGAGCAAGTACCAAGGGGAGATG 1532
    1030 TACCCACAGCTGGCATCGCCCTGCGCCCAATGCTGGGCTTCTCTCTCTCTACATGTC 1089
    1533 TACCCACAGCTGGCATCGCCCTGCGCCCAATGCTGGGCTTCTCTCTCTCTACATGTC 1592
    1090 TTCGTGAGAGAACAGGCTTTTCCATGATGAGCCGGTTGACCTAAGAGCGCGGTCTCA 1149
    1593 TTCGTGAGAGAACAGGCTTTTCCATGATGAGCCGGTTGACCTAAGAGCGCGGTCTCA 1652
    1150 CCATACAGGGGTGATGAGGAGCTGCTGATGACAGTGTGATGACAGCCACTGAGATGGCC 1209
    1653 CCATACAGGGGTGATGAGGAGCTGCTGATGACAGTGTGATGACAGCCACTGAGATGGCC 1712
    1210 CTGATGCACAAAGTTCCG 1227
    1713 CTGATGCACAAAGTTCCG 1730

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; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,006
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,369
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,367
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,368
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,169
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,053
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,064
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,054
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,008
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,365
; PRIOR FILING DATE: 1997-12-19
; NUMBER OF SEQ ID NOS: 672
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 123
; LENGTH: 1034
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-097-065-123

Query Match 37.5%; Score 682.2; DB 9; Length 1034;
Best Local Similarity 98.8%; Pred. No. 9.2e-189;
Matches 687; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

    1125 GGTGAGCTAAGAGGCGGGTGCACATACAGGGGTAAAGGGAGCTGTGACAC 1184
    330 GGACCAAGCTAAGAGGCGGGTGCACATACAGGGGTAAAGGGAGCTGTGACAC 389
    1185 TGTGACCAAGCCACTGATGATGCGCTGATGACAAAGTCCGCGAAGAGCTTACGA 1244
    390 TGTGACCAAGCCACTGATGATGCGCTGATGACAAAGTCCGCGAAGAGCTTACGA 449
    1245 CATCATCTCTCCACAGGGCCACCGCAACAGCCAGGTGATGGCAAGTCCAGTCCACT 1304
    450 CATCATCTCTCTCCACAGGGCCACCGCAACAGCCAGGTGATGGCAAGTCCAGTCCACT 509
    1305 GCGGGGTGAAGATGATGATGCGCCAGACCCAGCGGCCCAACCCCGCAAGACCG 1364
    510 GCGGGGTGAAGATGATGATGCGCCAGACCCAGCGGCCCAACCCCGCAAGACCG 569
    1365 CAAGAACTCTCAGGTCTTTAGAAACCCCTACGTGTGGAGTGAATGAGCGGAGGA 1424
    570 CAAGAACTCTCAGGTCTTTAGAAACCCCTACGTGTGGAGTGAATGAGCGGAGGA 629
    1425 GAGGCGGTGGATTTGGGAGAGGCGCTGAGGACCTGGCCCGGGCAAGGAGTCTCCAGG 1484
    630 GAGGCGGTGGATTTGGGAGAGGCGCTGAGGACCTGGCCCGGGCAAGGAGTCTCCAGG 689
    1485 CTCCTCTCTCCCTGAGAGCCCAAGCAATGTGCCCCAATGTGGAAGGCGCTCTCT 1544
    690 CTCCTCTCTCCCTGAGAGCCCAAGCAATGTGCCCCAATGTGGAAGGCGCTCTCTCT 749
    1545 CTCCTCTCTCTGAGAGGCGGTGATGAGTGTCCCAACCCCTCTCTCTCTCTCTCTCT 1604
    750 CTCCTCTCTCTGAGAGGCGGTGATGAGTGTCCCAACCCCTCTCTCTCTCTCTCTCT 809
    1605 CGAGAGCAACCCCAAGCTCTGCGCAGATCACTCGGGGTACACTCCAGCAACCAATA 1664
    810 CGAGAGCAACCCCAAGCTCTGCGCAGATCACTCGGGGTACACTCCAGCAACCAATA 869
    1665 GTGTTCTCGGGGTGGGCGGTGGGCGAGCGCTAAGTTTCTCTGGAAGTCTCTGAACTCTCA 1724
    870 GTGTTCTCGGGGTGGGCGGTGGGCGAGCGCTAAGTTTCTCTGGAAGTCTCTGAACTCTCA 929

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RESULT 11
US-10-097-065-123
; Sequence 123, Application US/10097065
; Publication No. US20030055236A1
; GENERAL INFORMATION:
; APPLICANT: Moore, Paul A. et al.
; TITLE OF INVENTION: 110 Human Secreted Proteins
; FILE REFERENCE: P2021P1
; CURRENT APPLICATION NUMBER: US/10/097,065
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: PCT/US98/27059
; PRIOR FILING DATE: 1998-12-17
; PRIOR APPLICATION NUMBER: 60/070,923
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,007
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,057

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QY 1725 AAGAGCTTCCAGGGGCTGAGGCTGATCTCTCTCTGTGTAGAGAACAGGGTCCCTA 1784  
 DB 930 AAGAGCTTCCAGGGGCTGAGGCTGATCTCTCTCTGTGTAGAGAACAGGGTCCCTA 989  
 QY 1785 ATAAATACATTTCTGCTTATTAACCTTAATAAAAA 1819  
 DB 990 ATAAATACATTTCTGCTTATTAATAAAAAAAA 1024

## RESULT 12

US-09-871-874-8  
 ; Sequence 8, Application US/09871874  
 ; Patent No. US20020081655A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: SAVITZKY, Kinmeret  
 ; APPLICANT: TOPORIK, Amir  
 ; APPLICANT: MINTZ, Liat  
 ; TITLE OF INVENTION: Splice Variant of mglur  
 ; FILE REFERENCE: 2786-0176P  
 ; CURRENT APPLICATION NUMBER: US/09/871,874  
 ; CURRENT FILING DATE: 2001-09-04  
 ; NUMBER OF SEQ ID NOS: 21  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 8  
 ; LENGTH: 815  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-871-874-8

## Query Match

Best Local Similarity 94.0%; Score 651.8; DB 10; Length 815;  
 Matches 669; Conservative 0; Mismatches 42; Indels 2; Gaps 1;

QY 11 CCTCACACCGCGAAAGTAGAGTGGCTGACCTGAGGAGGAGCCAGACAGAGCTGGCC 70  
 DB 41 CCTCACACCGCGAAAGTAGAGTGGCTGACCTGAGGAGGAGCCAGACAGAGCTGGCC 100  
 QY 71 TGGGAGCCAGAGTGGCCATCCCAAAAGCTTGGTATGGCTGGAGACTGCTCTTCC 130  
 DB 101 TGGGAGCCAGAGTGGCCATCCCAAAAGCTTGGTATGGCTGGAGACTGCTCTTCC 160  
 QY 131 TGTTCACAGGGGCTGGGGCCAGGGCATGTCCCAAGCCGGCTGACGCCAAAGGCTCAAC 190  
 DB 161 TGTTCACAGGGGCTGGGGCCAGGGCATGTCCCAAGCCGGCTGACGCCAAAGGCTCAAC 220  
 QY 191 CCCTGTACTACAACTGTGTGACCGCTCTGGGGCGTGGGGCATCTCTGAGGCCGTGG 250  
 DB 221 CCCTGTACTACAACTGTGTGACCGCTCTGGGGCGTGGGGCATCTCTGAGGCCGTGG 280  
 QY 251 CTGGGGCGGGCATTTGTACACAGTTTGTCTACCATATCTGTGGGCGACCTCCCT 310  
 DB 281 CTGGGGCGGGCATTTGTACACAGTTTGTCTACCATATCTGTGGGCGACCTCCCT 340  
 QY 311 TGTGTACAGACACAAAGAAAGGAGCTGTGGGGAGCCAGGATATCTCTTCTGGGGA 370  
 DB 341 TGTGTACAGACACAAAGAAAGGAGCTGTGGGGAGCCAGGATATCTCTTCTGGGGA 400  
 QY 371 CCCTGGGCGCTTCTGCTCGTGTGTGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 430  
 DB 401 CCCTGGGCGCTTCTGCTCGTGTGTGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 460  
 QY 431 CCTCTCGGGCTTCTCTTCTTGTGGGTTCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 490  
 DB 461 CCTCTCGGGCTTCTCTTCTTGTGGGTTCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 520  
 QY 491 ACGTGTGGCCCTCAACTTCTGTGGGCGGGAAGAACAGAGGGGCGGGGGCTGGGATCT 550  
 DB 521 ACGTGTGGCCCTCAACTTCTGTGGGCGGGAAGAACAGAGGGGCGGGGGCTGGGATCT 580  
 QY 551 TCACGTGTGGCTGT 610  
 DB 581 TCACGTGTGGCTGT 640

QY 611 TCACCGTGTGTGGGGGAGGTGGGAGGGGCGGCTCTAGAGGCAACAGACGC--CAGGCTG 668  
 DB 641 TCACCGTGTGTGGGGGAGGTGGGAGGGGCGGCTCTAGAGGCAACAGACGCAGGCTG 700  
 QY 669 GGGCGTGTGTGGGCGGCTGT 728  
 DB 701 TGGAGGGGCTGT 760  
 QY 729 CATGCTGT 741  
 DB 761 CTCACGT 773

## RESULT 13

US-09-895-686-53  
 ; Sequence 53, Application US/09895686  
 ; Patent No. US20020106655A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Bandman, Olga  
 ; APPLICANT: Lal, Preethi  
 ; APPLICANT: Tang, Y. Tom  
 ; APPLICANT: Baughn, Mariah R.  
 ; TITLE OF INVENTION: HUMAN GPCR PROTEINS  
 ; FILE REFERENCE: PC-0044 CIP  
 ; CURRENT APPLICATION NUMBER: US/09/895,686  
 ; CURRENT FILING DATE: 2001-06-28  
 ; NUMBER OF SEQ ID NOS: 74  
 ; SOFTWARE: PERL Program  
 ; SEQ ID NO 53  
 ; LENGTH: 615  
 ; TYPE: DNA  
 ; ORGANISM: Canis familiaris  
 ; FEATURE:  
 ; NAME/KEY: misc.feature  
 ; OTHER INFORMATION: Incyte ID No. US20020106655A1 702778992H2  
 ; US-09-895-686-53

Query Match 29.0%; Score 527.8; DB 10; Length 615;  
 Best Local Similarity 91.5%; Pred. No. 7.9e-144;  
 Matches 559; Conservative 0; Mismatches 52; Indels 0; Gaps 0;

QY 805 GGGGCTTGT 864  
 DB 2 GGGGCTTGT 61  
 QY 865 ATGTACTTACGGGCAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 924  
 DB 62 ATGTACTTACGGGCAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 121  
 QY 925 ATGCGCTTGT 984  
 DB 122 ATGCGCTTGT 181  
 QY 985 CAGGTGACCAAGTCCAGGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1044  
 DB 182 CAGGTGACCAAGTCCAGGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 241  
 QY 1045 GTGGGCTATGAGACCATCTGTAAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1104  
 DB 242 GTGGGCTATGAGACCATCTGTAAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 301  
 QY 1105 GCGTTTTCATGATGAGCGGCTGTGACCTTAAGAGGCGGCTGTCCATACAGCGGGTAC 1164  
 DB 302 GCGTTTTCATGATGAGCGGCTGTGACCTTAAGAGCGGCTGTCCATACAGCGGGTAC 361  
 QY 1165 AATGGGAGGCTGTGACAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1224  
 DB 362 AATGGGAGGCTGTGACAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 421  
 QY 1225 CCGTCCGAAGAGGCTTACGACATCTCTCCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1284  
 DB 422 CCGTCCGAAGAGGCTTACGACATCTCTCCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 481



